



2874#  
?

312.104331R00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

~~Applicants:~~ K. Hill et al.  
~~Serial No.:~~ 09/342,707  
~~Filed:~~ June 29, 1999  
~~For:~~ METHOD OF FABRICATING BRAGG GRATING USING A  
SILICA PHASE GRATING MASK AND MASK USED BY SAME  
~~Group:~~ 2874  
~~Examiner:~~ B. Healy

#14/And+O  
REy  
7/12/02

AMENDMENT

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

September 3, 2002

Sir:

In response to the Office Action dated July 31, 2002, please amend the  
above-identified application as follows:

In the Claims:

Please add new claims 43-54 as follows:

-- 43. A method of fabricating Bragg gratings in the interior of an optical waveguide comprising disposing a silica glass phase grating mask adjacent and parallel to a photosensitive optical waveguide and applying a single collimating light beam through the phase grating to said optical waveguide as a medium, said phase grating mask being a slab of silica glass having parallel corrugations on a surface thereof forming a surface relief pattern.

Not underlined  
Do not  
enter  
BUT

D1

RECEIVED  
SEP - 9 2002  
TECHNOLOGY CENTER 2000